OrfZ	⊣	1 MEWEEIYKEKLVTAEKAVSKIENHSRVVFAHAVGEPVDLVNALVKNKDNYIGLEIVHMVA
		W*W IX **
4HBCT		MDWKKIYEDRT
OrfZ	61	MGKGVYTKEGMQRHFRHNALFVGGSTRDAVNSGRAVYTPCFFYEVPSLFKEKRLPVDVAL
OrfZ	121	IQVSEPDKYGYCSFGVSNDYTKPAAESAKLVIAEVNKNMPRTLGDSFIHVSDIDYIVEAS
OrfZ	181	HPLLELQPPKLGDVEKAIGENCASLIEDGATLQLGIGAIPDAVLLFLKNKKNLGIHSEMI
OrfZ	241	SDGVMELVKAGVINNKKKTLHPGKIVVTFLMGTKKLYDFVNNNPMVETYSVDYVNNPLVI
OrfZ	301	MKNDNMVSINSCVQVDLMGQVCSESIGLKQISGVGGQVDFIRGANLSKGGKAIIAIPSTA
		AIIA PS A
4HBCT		ALIAMPSVA
Orfz	361	GKGKVSRITPLLDTGAAVTTSRNEVDYVVTEYGVAHLKGKTLRNRARALINIAHPKFRES
		N**DYVVTEYG A K ALINIAHP F**
4HBCT		K ALINIAHPDFKDE
OrfZ	421	LMNEFKKRF
		H
4HBCT		LK F/G 1/A

## F1G 1B

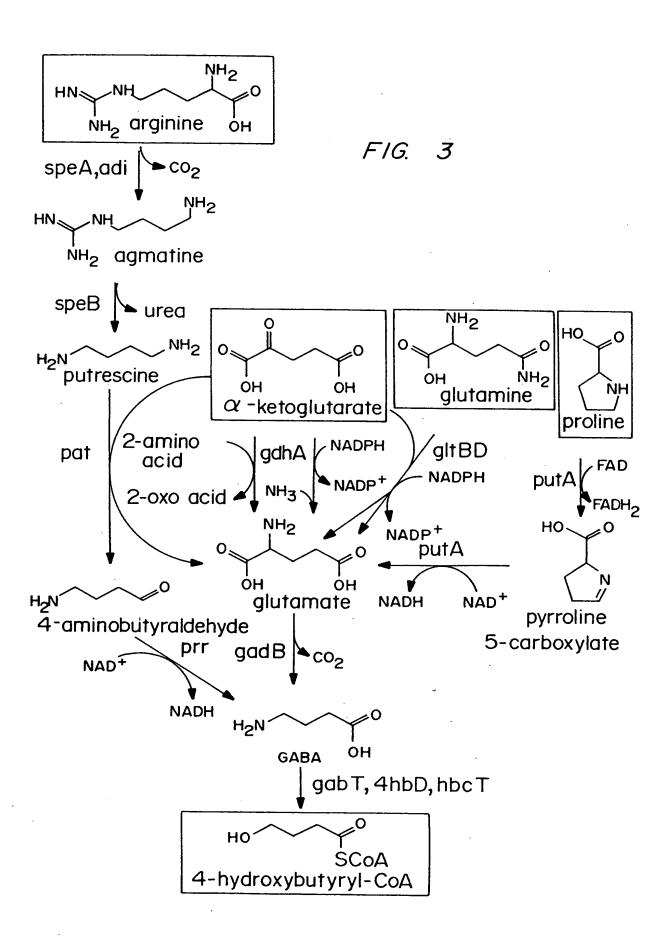
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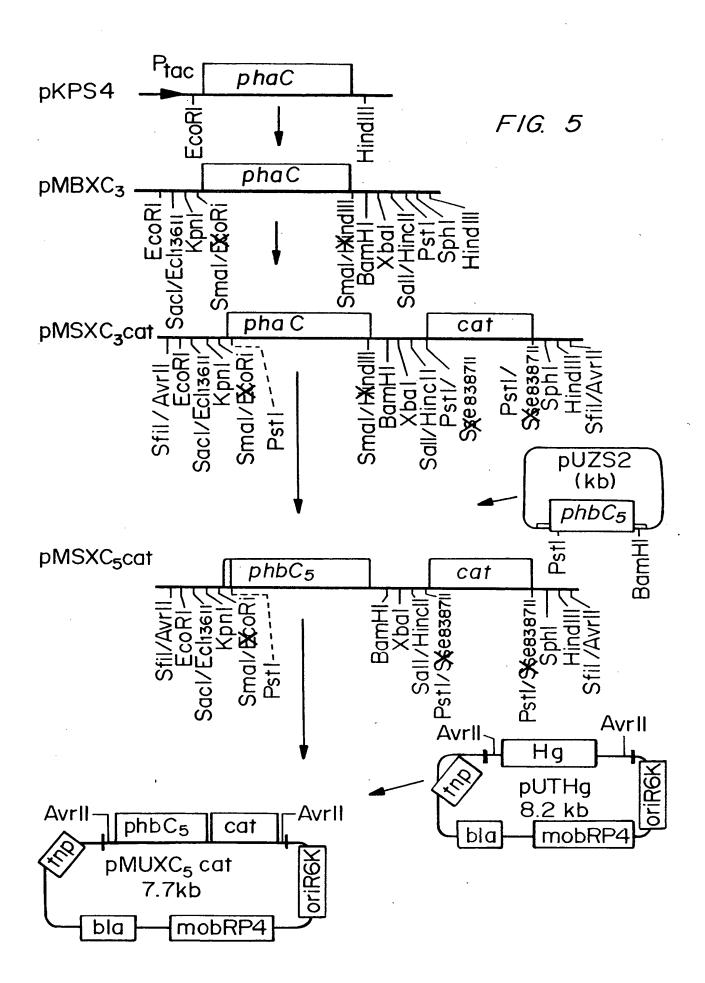
F/G 10

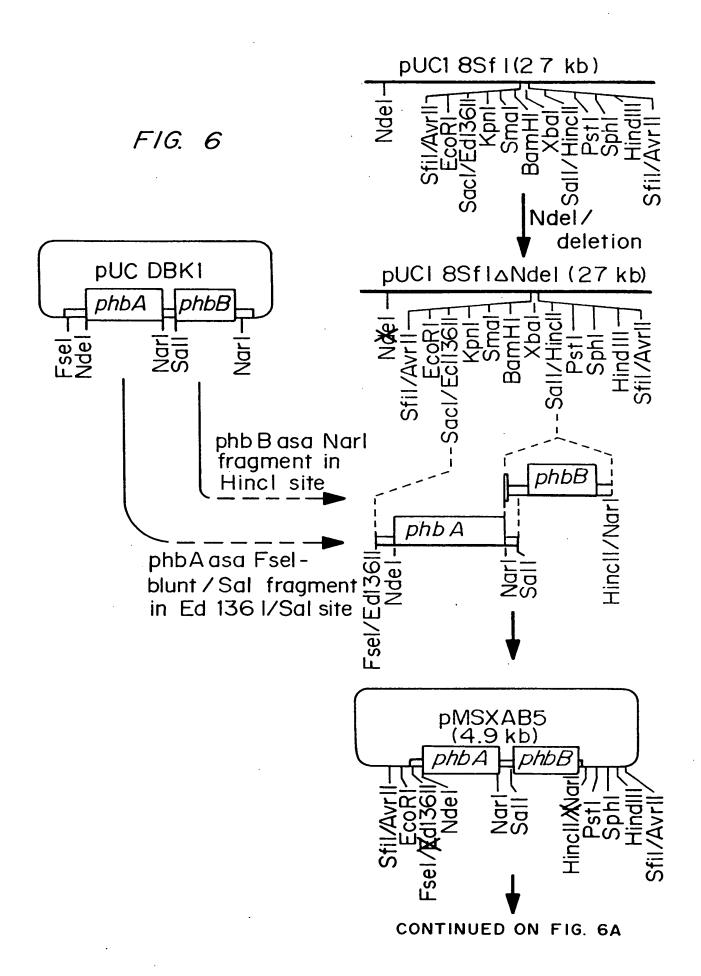
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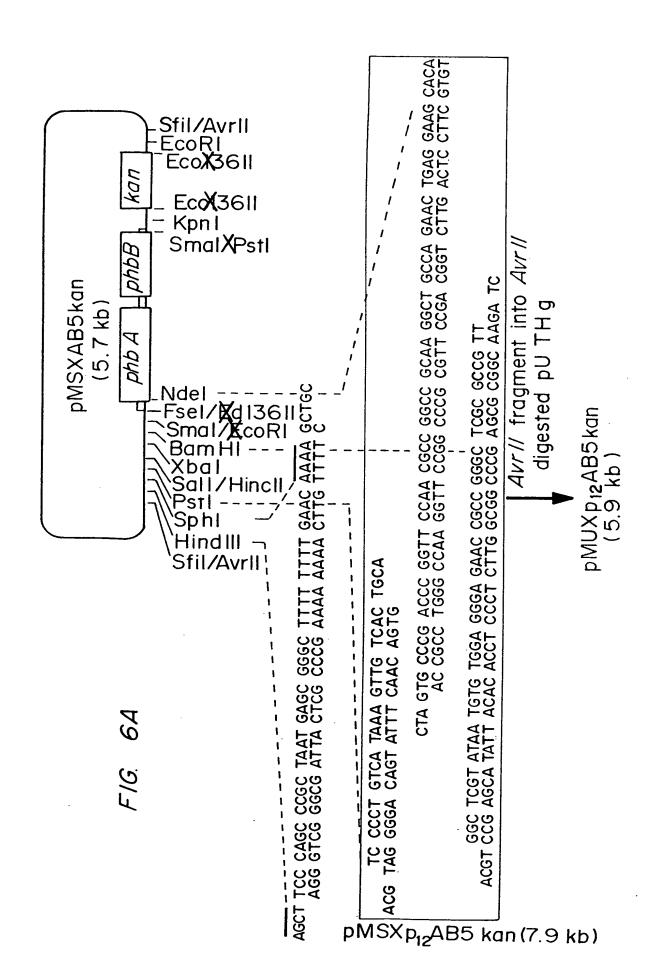
GDSFIHVSDIDYIVEASHPLLELQPPKLGDVEKAIGENCASLIEDGATLQLGIGAIPD **QISGVGGQVDFIRGANLSKGGKAILAIPSTAGKGKVSRITPLLDTGAAVTTSRNEVD** FKEKRLPVDVALIQVSEPDKYGYCSFGVSNDYTKPAAESAKLVIAEVNKNMPRTL AVLLFLKNKKNLGIHSEMISDGVMELVKAGVINNKKKTLHPGKIVVTFLMGTKK LYDFVNNNPMVETYSVDYVNNPLVIMKNDNMVSINSCVQVDLMGQVCSESIGLK **VHMVAMGKGVYTKEGMQRHFRHNALFVGGSTRDAVNSGRAVYTPCFFYEVPSL** <u>MEWEETYKEKLVTAEKAVSKIENHSRVVFAHAVGEPVDLVNALVKNKDNYIGLEI</u> YVVTEYGVAHLKGKTLRNRARALINIAHPKFRESLMNEFKKRF\* The sequence of the orfZ gene product is:

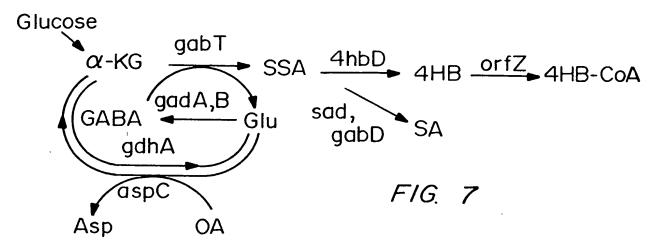
HO sednence Neither the sequence of the hbcT gene from acid aminobutyricum nor the complete amino corresponding enzyme is known.

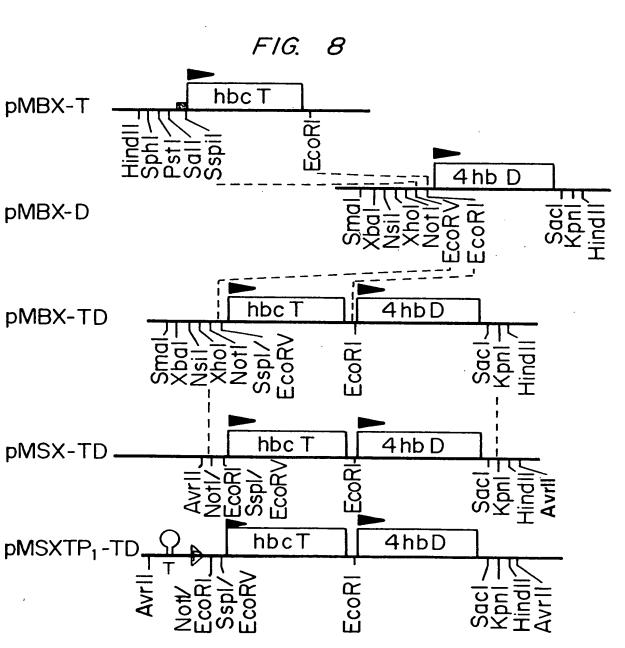


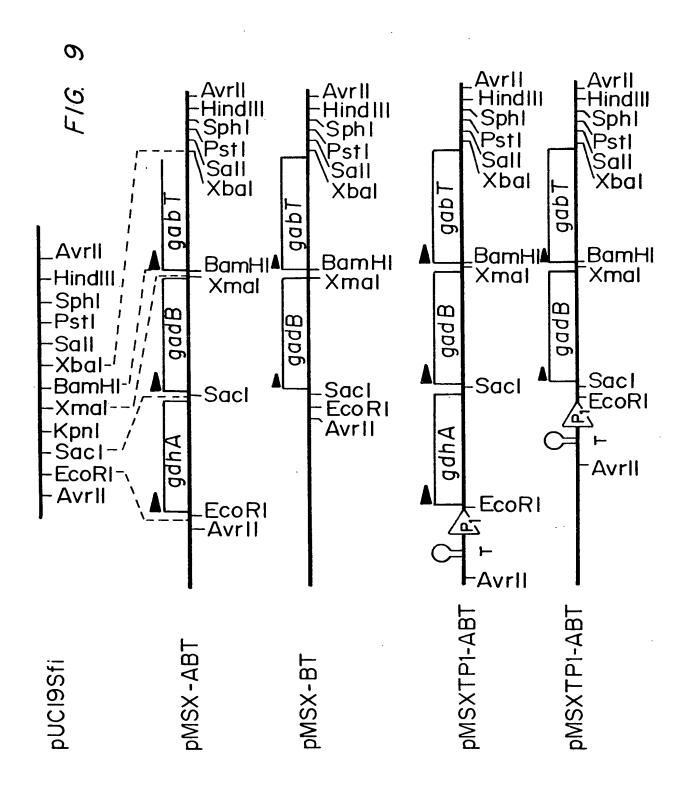












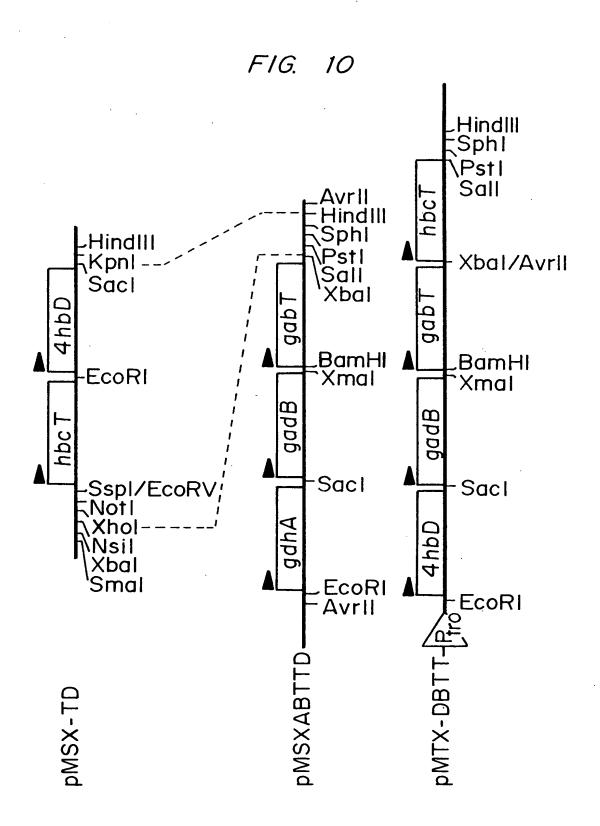


FIG. 11

